



FIG. 1



P4		P1	1
1	MWSWKCLLFWAVLVTATLCTARPSPTLPEQAQPWGAPVEVESFLVHPGDLQLRCRLRDDVQSIINWLRDGVQLA		75
2	MWSWKCLLFWAVLVTATLCTARPSPTLPEQAQPWGAPVEVESFLVHPGDLQLRCRLRDDVQSIINWLRDGVQLA		75
3	MWSWKCLLFWAVLVTATLCTARPSPTLPEQ		30
4	MWSWKCLLFWAVLVTATLCTARPSPTLPEQ		30
5	MWSWKCLLFWAVLVTATLCTARPSPTLPEQ		30
6	MWSWKCLLFWAVLVTATLCTARPSPTLPEQ		30
ARR			
	SNRTRITGEEVEVQDSVPADSGLYACVTSSPSGSDTTYFSVNVSDALPSSSEDDDDDDSSSEEKETDNTKPN	P	148
	SNRTRITGEEVEVQDSVPADSGLYACVTSSPSGSDTTYFSVNVSDALPSSSEDDDDDDSSSEEKETDNTKPNRMP	P	150
		DALPSSSEDDDDDDSSSEEKETDNTKPN	P 59
		DALPSSSEDDDDDDSSSEEKETDNTKPNRMP	P 61
		DALPSSSEDDDDDDSSSEEKETDNTKPN	P 59
		DALPSSSEDDDDDDSSSEEKETDNTKPNRMP	P 61
2			
	VAPYWTSPEKMEKKLHAVPAAKTVKFKCPSSTPNPTLRWLKNGKEFKPDHRIGGYKVRYATWSIIMDSVVP	SDK	223
	VAPYWTSPEKMEKKLHAVPAAKTVKFKCPSSTPNPTLRWLKNGKEFKPDHRIGGYKVRYATWSIIMDSVVP	SDK	225
	VAPYWTSPEKMEKKLHAVPAAKTVKFKCPSSTPNPTLRWLKNGKEFKPDHRIGGYKVRYATWSIIMDSVVP	SDK	134
	VAPYWTSPEKMEKKLHAVPAAKTVKFKCPSSTPNPTLRWLKNGKEFKPDHRIGGYKVRYATWSIIMDSVVP	SDK	136
	VAPYWTSPEKMEKKLHAVPAAKTVKFKCPSSTPNPTLRWLKNGKEFKPDHRIGGYKVRYATWSIIMDSVVP	SDK	134
	VAPYWTSPEKMEKKLHAVPAAKTVKFKCPSSTPNPTLRWLKNGKEFKPDHRIGGYKVRYATWSIIMDSVVP	SDK	136
P2			
	GNYTCIVENEYGSINHTYQLDVVERSHPRLQAGLPANKTVALGNSVEFMCKVYSDPQPHIQWLKHIEVNGSKI		298
	GNYTCIVENEYGSINHTYQLDVVERSHPRLQAGLPANKTVALGNSVEFMCKVYSDPQPHIQWLKHIEVNGSKI		300
	GNYTCIVENEYGSINHTYQLDVVERSHPRLQAGLPANKTVALGNSVEFMCKVYSDPQPHIQWLKHIEVNGSKI		209
	GNYTCIVENEYGSINHTYQLDVVERSHPRLQAGLPANKTVALGNSVEFMCKVYSDPQPHIQWLKHIEVNGSKI		211
	GNYTCIVENEYGSINHTYQLDVVERSHPRLQAGLPANKTVALGNSVEFMCKVYSDPQPHIQWLKHIEVNGSKI		209
	GNYTCIVENEYGSINHTYQLDVVERSHPRLQAGLPANKTVALGNSVEFMCKVYSDPQPHIQWLKHIEVNGSKI		211
P3			
	GPDNLPPYQILKTAGVNTTDKEMEVLHLRNVSFEDAGEYTCLAGNSIGLSHSAWLTVLEALEERPAVMTSPLYL		373
	GPDNLPPYQILKTAGVNTTDKEMEVLHLRNVSFEDAGEYTCLAGNSIGLSHSAWLTVLEALEERPAVMTSPLYL		375
	GPDNLPPYQILKTAGVNTTDKEMEVLHLRNVSFEDAGEYTCLAGNSIGLSHSAWLTVLEALEERPAVMTSPLYL		284
	GPDNLPPYQILKTAGVNTTDKEMEVLHLRNVSFEDAGEYTCLAGNSIGLSHSAWLTVLEALEERPAVMTSPLYL		286
	GPDNLPPYQILKVIAPVFGQSTGKETTVSGAQVPVGRLSCPRMGSFLLQAHTLHLSRDLATSPTSNRGHKV		284
	GPDNLPPYQILKVIAPVFGQSTGKETTVSGAQVPVGRLSCPRMGSFLLQAHTLHLSRDLATSPTSNRGHKV		286
TM			
	EIIYCTGAFLISCMVGSVIVYKMKSGTKKSDFHSMVHKLAKSIPLRRQVTVSADSSASMNSGVLLVRPSRLS		448
	EIIYCTGAFLISCMVGSVIVYKMKSGTKKSDFHSMVHKLAKSIPLRRQVTVSADSSASMNSGVLLVRPSRLS		450
	EIIYCTGAFLISCMVGSVIVYKMKSGTKKSDFHSMVHKLAKSIPLRRQVTVSADSSASMNSGVLLVRPSRLS		359
	EIIYCTGAFLISCMVGSVIVYKMKSGTKKSDFHSMVHKLAKSIPLRRQVTVSADSSASMNSGVLLVRPSRLS		361
	EVSWEQRAAGMGGAGL*		300
	EVSWEQRAAGMGGAGL*		302
TK			
	SSGTPMLAGVSEYELPEDPRWELPRDLVLGKPLGEGCFGQVVLAEAIGLDKDKPNRVTKVAVKMLKSDATEKDL		523
	SSGTPMLAGVSEYELPEDPRWELPRDLVLGKPLGEGCFGQVVLAEAIGLDKDKPNRVTKVAVKMLKSDATEKDL		525
	SSGTPMLAGVSEYELPEDPRWELPRDLVLGKPLGEGCFGQVVLAEAIGLDKDKPNRVTKVAVKMLKSDATEKDL		434
	SSGTPMLAGVSEYELPEDPRWELPRDLVLGKPLGEGCFGQVVLAEAIGLDKDKPNRVTKVAVKMLKSDATEKDL		436
	SDLISEMEMMKMIGKHKNIINLLGACTQDGPPLYVIVEYASKGNLREYLQARRPPGLECYNPSHNPEEQLSKDL		598
	SDLISEMEMMKMIGKHKNIINLLGACTQDGPPLYVIVEYASKGNLREYLQARRPPGLECYNPSHNPEEQLSKDL		600
	SDLISEMEMMKMIGKHKNIINLLGACTQDGPPLYVIVEYASKGNLREYLQARRPPGLECYNPSHNPEEQLSKDL		509
	SDLISEMEMMKMIGKHKNIINLLGACTQDGPPLYVIVEYASKGNLREYLQARRPPGLECYNPSHNPEEQLSKDL		511
	VSCAYQVARGMEYLASKKCIHRDLAARNVLVTEDNVMKIADFGGLARDIHHIDYKKTNGRLPVKWMAPALFDR		673
	VSCAYQVARGMEYLASKKCIHRDLAARNVLVTEDNVMKIADFGGLARDIHHIDYKKTNGRLPVKWMAPALFDR		675
	VSCAYQVARGMEYLASKKCIHRDLAARNVLVTEDNVMKIADFGGLARDIHHIDYKKTNGRLPVKWMAPALFDR		584
	VSCAYQVARGMEYLASKKCIHRDLAARNVLVTEDNVMKIADFGGLARDIHHIDYKKTNGRLPVKWMAPALFDR		586
TK			
	IYTHQSDVWSFGVLLWEIFTLGGSPYPGPVVEELFKLLKEGHRMDKPSNCTNELYMMMRDCWHAVPSQRPTFKQL		748
	IYTHQSDVWSFGVLLWEIFTLGGSPYPGPVVEELFKLLKEGHRMDKPSNCTNELYMMMRDCWHAVPSQRPTFKQL		750
	IYTHQSDVWSFGVLLWEIFTLGGSPYPGPVVEELFKLLKEGHRMDKPSNCTNELYMMMRDCWHAVPSQRPTFKQL		659
	IYTHQSDVWSFGVLLWEIFTLGGSPYPGPVVEELFKLLKEGHRMDKPSNCTNELYMMMRDCWHAVPSQRPTFKQL		661
	VEDLDRIVALTSNQEYLDLSMPLDQYSPSPDTRSSSTCSSGEDSVFSHEPLPEEPCLPRHAPQALANGGLKRR*		820
	VEDLDRIVALTSNQEYLDLSMPLDQYSPSPDTRSSSTCSSGEDSVFSHEPLPEEPCLPRHAPQALANGGLKRR*		822
	VEDLDRIVALTSNQEYLDLSMPLDQYSPSPDTRSSSTCSSGEDSVFSHEPLPEEPCLPRHAPQALANGGLKRR*		731
	VEDLDRIVALTSNQEYLDLSMPLDQYSPSPDTRSSSTCSSGEDSVFSHEPLPEEPCLPRHAPQALANGGLKRR*		733

FIG. 2